

Work Order ID 78314

January-05-12 8:32:56 AM

\*78314\*

Page 1

Item ID: D3015-3

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Item Name: Locknut

Stop \*NS2\*

Start Date: 05/01/2012 Start Qty: 400.00

\*400\*

Cust Item ID:

Required Date: 23/03/2012 Req'd Qty: 400.00

\*400\*

Customer:

Reference:

Approvals: Process Plan: M.L.J.

Date: 12/01/05 Tooling:

Date:

Run Start \*NR1\*

QC:

Date: SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

Draw Nbr

Revision Nbr

D3015

Rev C

100

0.00

\*100\*

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 15814

Description: SS locknut with nylon insert

Possible Supplier: Acklands P/N: PFS LNNC516S1

Material release note required

CL 12/01/06 700

110

Receive & Inspect for Damage & Mat'l Certs

0.00

\*110\*

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

12/01/12 (700)

120

QC6- Inspect dimensions to drawing

0.00

\*120\*

QC

Memo

0.00

Quality Control

0.22/0.15

(x700)

25P019

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 78314**

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**\*78314\***

Page 2

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Start Date: 05/01/2012 Start Qty: 400.00

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Cust Item ID:

Required Date: 23/03/2012 Req'd Qty: 400.00

**\*400\***

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursTool ID Tool # Plan  
Code Accept Reject Reject Insp.  
Qty Qty Number Stamp

130

Identify as per dwg & Stock Location: St

0.00

**\*130\***

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Memo

0.00

Quality Control

B12/01/16 (700x)

12/1/16

B12-01-16 (700)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

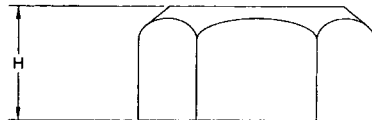
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



**D3015-X LOCKNUT**

PART NUMBER	SIZE	HEIGHT H	POSSIBLE SUPPLIER
D3015-1	1/4-20 UNC	0.31	ACKLANDS, P/N PFSLNNC14S1
D3015-3	5/16-18 UNC	0.34	ACKLANDS, P/N PFSLNNC516S1
D3015-5	7/16-14 UNC	0.46	ACKLANDS, P/N PFSLNNC716S1
D3015-7	M5	0.19	ACKLANDS, P/N FLMN021-005-0000



**NOTES:**

- 1) MATERIAL: SS LOCKNUT WITH NYLON INSERT
- 2) FINISH: N/A
- 3) TOLERANCES: ALL DIMENSIONS SHOWN AS REFERENCE
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

UNC  
S  
NO 78314 M.C.S  
12/01/05

**RELEASED**  
09/07/08

C	REFORMAT DWG. - 7 P/N NOW FLMN021-005-0000 WAS LNNMSS1 (ZN 88-1), PAR 09-020	CP	09.07.08
B	ADD D3015-7	KJ	03.07.15
A	NEW ISSUE	DS	01.05.03
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.08		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D3015  
TITLE LOCKNUT  
REV. C  
SHEET 1 OF 1  
SCALE NTS

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO15814**

Purchase Order Date 1/06/12

PO Print Date 1/06/12

Page Number 1 of 2

Order From :

VC-ACK001

ACKLANDS - GRAINGER INC.  
P.O. BOX 2970  
WINNIPEG, MB R3C 4B5  
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	613 632 2739	Requisition Nbr	
Vendor Fax	613 632 5386	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

*CX12/01/12*

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	PFS-LNNC5/16S1	Lock Nut	1/10/12 Yes	700.00 Each	Yours ppd	\$0.1200	\$84.00
Special Inst:			AS PER DWG D3015 REV. C B78314				
2	5/16-18-015C	SS Bolt 5/16-18 1.5" L	1/10/12 Yes	500.00 Each	Yours ppd	\$0.3162	\$158.09
3	5/16WC	SS Flat Washer 5/16 FW516S1	1/10/12 Yes	3,000.00 Each <i>ppc 300</i>	Yours ppd	\$0.0712	\$213.60
4	7/16WC	SS Flat Washer 7/16	1/10/12 Yes	500.00 Each	Yours ppd	\$0.2872	\$143.60

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

Change Nbr: 1

Change Date: 1/06/12

